

What Is Claimed Is:

1. A capsule medical device inserted into a body cavity, comprising:

a receiving device for receiving data from outside the capsule medical device; and

a storage device wherein storage data stored therein can be rewritten on the basis of the data received by the receiving device.

2. The capsule medical device according to claim 1, wherein the storage device is a storage device in which the storage data is not erased, even when the power supply is switched off.

3. The capsule medical device according to claim 1, wherein the capsule medical device has a sensor; and

the sensor operates on the basis of information stored in the storage device.

4. The capsule medical device according to claim 1, wherein the capsule medical device has an image acquiring device; and

the image acquiring device operates on the basis of information stored in the storage device.

5. The capsule medical device according to claim 4, wherein the image acquiring device has an illumination device; and

the illumination device operates on the basis of information stored in the storage device.

6. The capsule medical device according to claim 4, wherein the image acquiring device has an image sensor; and the image sensor operates on the basis of information stored in the storage device.

7. The capsule medical device according to claim 4, wherein the image acquiring device has an image data compressing device; and the image data compressing device operates on the basis of information stored in the storage device.

8. The capsule medical device according to claim 1, wherein the capsule medical device has a force acquiring device; and the force acquiring device operates on the basis of information stored in the storage device.

9. The capsule medical device according to claim 1, wherein the capsule medical device has a medicine discharging device; and the medicine discharging device operates on the basis of information stored in the storage device.

10. The capsule medical device according to claim 1, wherein the capsule medical device has a specimen recovery device; and the specimen recovery device operates on the basis of information stored in the storage device.

11. A capsule medical device system comprising:  
a capsule medical device inserted into a body cavity;

an external device for transmitting and receiving data, to and from the capsule medical device, by means of radio communications; and

a storage device, provided in the capsule medical device, the storage contents of which are rewritten on the basis of information transmitted to the capsule medical device from the external device.

12. The capsule medical system according to claim 11, wherein the capsule medical device has a sensor; and

the sensor operates on the basis of information stored in the storage device.

13. The capsule medical system according to claim 11, wherein the capsule medical device has an image acquiring device; and

the image acquiring device operates on the basis of information stored in the storage device.

14. The capsule medical system according to claim 13, wherein the image acquiring device has an illumination device; and

the illumination device operates on the basis of information stored in the storage device.

15. The capsule medical system according to claim 13, wherein the image acquiring device has an image sensor; and

the image sensor operates on the basis of information stored in the storage device.

16. The capsule medical system according to claim 13, wherein the image acquiring device has an image data compressing device; and

the image data compressing device operates on the basis of information stored in the storage device.

17. The capsule medical system according to claim 11, wherein the capsule medical device has a force acquiring device; and

the force acquiring device operates on the basis of information stored in the storage device.

18. The capsule medical system according to claim 11, wherein the capsule medical device has a medicine discharging device; and

the medicine discharging device operates on the basis of information stored in the storage device.

19. The capsule medical system according to claim 11, wherein the capsule medical device has a specimen recovery device; and

the specimen recovery device operates on the basis of information stored in the storage device.

20. The capsule medical system according to claim 11, having a calculating device for generating transmission information that is transmitted from the external device to the capsule medical device, on the basis of data transmitted by the capsule medical device and received by the external device.

21. A data storing method for a capsule medical device comprising the steps of:

transmitting data to a capsule medical device; and  
storing the data in a storage device provided in the capsule medical device.

22. The data storing method for a capsule medical device according to claim 21, comprising the steps of:

confirming the operation of the capsule medical device;  
creating corrected data on the basis of the results of operation;

transmitting the data to the capsule medical device; and  
storing the data in a storage device provided in the capsule medical device.

23. A data storing method for a capsule medical device system comprising a capsule medical device and an external device for transmitting and receiving data, to and from the capsule medical device by means of radio communications, the method comprising the steps of:

transmitting data to the capsule medical device from the external device;

receiving the data in the capsule medical device; and  
storing the data in a storage device provided in the capsule medical device.

24. An operation modifying method for a capsule medical system comprising a capsule medical device and an external device for transmitting and receiving data, to and from the

capsule medical device by means of radio communications, the method comprising the steps of:

transmitting data from the capsule medical device;

receiving the data in the external device;

determining modified data on the basis of this data;

transmitting the modified data from the external device;

and

storing the modified data in a storage device provided in the capsule medical device.